

SHARLENA LUYEN

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EXPERIENCE

Senior Software Engineer

Freelance

📅 2020 - 2021

📍 Remote

- Managed & trained team of 4 to update legacy code, create web services/tools, & refactor database to enable non-developers to adjust the project. NDA signed

Python SQL Javascript React AWS

Software Engineer

FedEx

📅 2019 - 2020

📍 Memphis, Tennessee

- Designed, built, & managed the Renewal Hub from scratch which gave non/technical employees access & autonomy to renewal data they did not previously have
- Led to consistent understanding of how to implement Renewal & one location for resources for all employees
- Won Customer Focus Award by developing an admin upload portal with mobile functionality via built-in strategies, enabling non-developers to easily update sites

HTML/CSS SQL Javascript Jenkins Docker

Cybersecurity Capstone Project

Oregon State University

📅 2018 - 2019

📍 Corvallis, Oregon

- Developed a free, open-source C plug-in for IDA Free to reverse engineer obfuscated binary malware files with a JSON mapping system of <unique string, function> pairs; code: <https://github.com/yafty/ida-cfp>

Python C++ C

Backend Developer

Elixir Labs

📅 2017 - 2019

📍 Remote

- Non-profit dedicated to developing technologies for third world NGOs; team members based around the globe, worked virtually/remotely
- Pangea Network:** Built banking records system with SMS capability to enable women entrepreneurs to borrow loans

C++ C Java

SKILLS

Programming Languages: C++ C Java Python

SQL HTML/CSS Javascript PHP bash AWS

React Jenkins Docker Haskell

Languages: Vietnamese, Spanish

Other: CI/CD, Version Control, Vim, photography, ukelele, scuba diving, baking ice cream cakes!

EDUCATION

B.S. in Computer Science

Minor in Math, Education, and Leadership
Oregon State University

📅 2017 - 2021

🎓 GPA: 3.4

PROJECTS

Grace Hopper Scholarship Founder

- Founded annual scholarship to fully fund students (7 in 2018; 10 in 2019; 15 in 2020) to attend GHC; hosted professional development, mock interviews, networking, and public speaking workshops in preparation

Experiential Research Lead

- Led team to receive \$100k grant, create, & implement curriculum with Scratch/Python/JS for K-12 to establish mobile & static hands-on robotics programming classes to improve instructor effectiveness

Court Appointed Special Advocate

- Served as a court advocate for foster children throughout Benton & Multnomah Counties. Wrote court reports advocating for children, appeared in court to advocate, and created close relations with those involved

AWARDS

- Karena Dokken Award for **Mentorship** by OSU College of Engineering | 2020
- Student **Leadership** Award | 2019
- Scholarship to Grace Hopper - PDX Women in Tech | 2018
- Scholarship to Grace Hopper - OSU | 2018
- Scholarship to AAUW | 2018
- Learning Innovation Grant for **Experiential Research** by College of Engineering | 2018
- Ice Cream Eating Contest @ FedEx** | 2018

PUBLIC SPEAKING

- PDX Women in Tech | 2019
- Oregon Game Project Challenge | 2019
- Oregon Women in Higher Education | 2019
- American Assoc. of University Women | 2018
- TEDx Speaker** | 2014 | video: bit.ly/tedxsharlana